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PTO/SB/84 (09-04)
Approved for use through 07/31/2006. OMB 0851-0031
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**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)**

Docket Number (Optional)

First named inventor: HAIM ZVI MELMANApplication No.: 09/492,863Art Unit: 2172Filed: JANUARY 27, 2000Examiner: SHAHID AL ALAMTitle: APPARATUS AND METHOD FOR RETRIEVAL OF DOCUMENTS

Attention: Office of Petitions
Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
FAX (703) 872-9306

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NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee

☒ Small entity-fee \$ 685 (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.

☐ Other than small entity - fee \$ _____ (37 CFR 1.17(m))

2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in the form of _____ (identify type of reply):

☐ has been filed previously on _____
☒ is enclosed herewith.

B. The issue fee and publication fee (if applicable) of \$ _____

☐ has been paid previously on _____
☐ is enclosed herewith.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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10/13/2004 AWONDAF1 00000008 09492863

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PTO/SB/64 (09-04)

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3. Terminal disclaimer with disclaimer fee

☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ _____ for a small entity or \$ _____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]

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[Signature]
Signature

10.10.2004
Date

HAIM ZVI MELMAN
Typed or printed name

Registration Number, if applicable

3 HAGAI ST.
Address

Telephone Number

KEAR SABA, ISRAEL 44335
Address

Enclosures: ☒ Fee Payment

☒ Reply

☐ Terminal Disclaimer Form

☐ Additional sheets containing statements establishing unintentional delay

☐ Other: _____

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

☐ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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Typed or printed name of person signing certificate

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PATENT APPLICATION

S/N: 09/492,863

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	H. Melman et al.	Examiner:	S. Al Alam
Serial No.:	09/492,863	Group Art Unit:	2172
Filed:	27 January 2000	Attorney Docket No.:	-
Title:	APPARATUS AND METHOD FOR RETRIEVAL OF DOCUMENTS		

RESPONSE TO OFFICE ACTION MAILED 31 January 2002

Assistant Commissioner for Patents
Washington, DC 20231

16 June 2003

Dear Sir:

In response to the Official Action mailed 19 March 2003, kindly accept this
respond to said office action and amendments to the above identified application.

Sincerely,

Haim Melman / Inventor.

Content:

1. Part 1: Reply to Examiner's responses
2. Part 2: Suggested modified claims
3. Part 3: Clear form of the revised claims

Part 1: Reply to Examiner's responsesReply to Examiner's response to Argument 1:

The examiner argues that Toki mentions the first phase of association of a character string registration in the address database (Col 8 lines 32-39). The Examiner also argues that Toki's association is a part of the registration process... (Col 9 lines 14-19).

Here are the cited lines from Toki:

Column 8 lines 32-39

"A process of registering a URL character string in the address database A 54 will be described below. If the registration flag (Flag)=1 in step 102 shown in FIG. 9, i.e., if the user presses the registration key 41 in the channel selection process, then the CPU 3 calls the registration process A in step 107. The registration process A is a process of registering a URL character string inputted from the channel remote-controller 2 by the user, in a presently selected channel."

Column 9 lines 14-19

The CPU 3 opens the address database A 54 in step 142, and then stores, into a record whose record number agrees with the value of the variable "CH", i.e., a record corresponding to the presently selected channel, the character string in the URL buffer, i.e., an URL to be newly set to this channel, in step 143.

The applicant respectfully reminds that Claim 1 refers to associating a string of characters with an address of a document and typing at least a part of the string, using the association to retrieve the document. Toki associates an address with a channel number and does not provide for search by a partial string input by the user retrieval.

Reply to Examiner's response to Argument 2:

The examiner suggests to combine Toki and Beal:

"...combine Toki with the teaching of Beal to make system more user-friendly. Toki allows the user to access various items of information in information service without operating keyboard and mouse through a complex sequence".

The applicant can not understand this combination of Toki and Beal in reference to the present invention as the present invention is absolutely un-related to accessing information without a keyboard or a mouse.

The current application clearly uses a keyboard (see claim 1: "Typing at least a part of said string in a window").

Reply to Examiner's response to Argument 3 and 4:

The examiner presents the following paragraph of Toki:

"In step 104, the CPU 3 outputs the URL character string stored in the URL buffer to the modem 10. The URL character string is transmitted to the Internet 52 based on a predetermined protocol, and then, data of the Web page represented by the URL character string is transmitted from a corresponding site on the Internet 52. The CPU 3 receives the Web page data through the modem 10 in step 105, and writes the received data in the display circuit 8 in step 106. Thereafter, control goes back to step 101. The received Web page data are now displayed on the display unit 9. Steps 104, about 106 are the same as a process of displaying Web data according to the conventional WWW browser."

The examiner presents that the paragraph of Toki teaches that the URL character string contains embedded control characters

1. It is not clear how the examiner learns about control characters in the URL from this paragraph. The applicant sees no evidence for this statement in the paragraph suggested by the examiner.
2. In addition, control characters in the URL are not suggested in the present invention.

It is not clear then: (1) what is the support for the statement of the examiner (2) how this statement relates to the present invention.

Reply to Examiner's response to Argument 5 and 6:

The examiner states that it is not explicitly mentioned by Hobbs but it is apparent that association is made.

Hobbs suggests a common query search:

Hobbs column 23, lines 2-9:

"...the button bar causes the viewer's browser to make a request for a record from the specified database or Data Warehouse in the same manner as described above for the initial QUERY-STRING request..."

There is no association of a string to the address as suggested in the present application, it is a standard search process.

Part 2: Suggested modified claims

A modified set of claims is suggested her. The modification is intended to narrow the scope of the claims and make them less broad.

To provide this claim 1 was split to 2 claims, 1 and 3, each claim provides additional details to narrow the scope of what is claimed.

Apparatus claims have been re-written to represent the method claims.

1. A method for ~~retrieving mapping a documents~~ for display on a computer comprising the steps of:
Submitting a query to a search engine, and;
Indicating at least one document resulting for said query, and;
~~Associating a string of characters with the address of a document, and;~~
Registering the string query and the associated address of said document in a database, and;
Providing, in the database, a registration, pointing from said query to said at least one document;
~~Typing at lease a part of said string in a window, and;~~
~~Looking-up for said string in said database using said at least part of said string, and;~~
~~Displaying the document specified by said address.~~
2. The method of claim 1 whereas the indicating step is made for a document retrieved by browsing a document repository.
3. A method for retrieving a document for display on a computer according to any of claims 1 or 2 comprising the steps of:
~~Associating a string of characters with the address of a document, and;~~
~~Registering the string and the associated address in a database, and;~~
~~Typing at lease a part of saidone string in a window, and;~~
Looking-up for said string in said database with a suitable search algorithm for at least one query containing using said at least part of said string, and;
Displaying the at least one document specified by said addresslinked to said at least one query.

2. ~~The method of claim 1 and;~~
~~the user types the string of characters in a query window of a search interface.~~
34. The method of claim 1 or 3 ~~whereas at least one control characters are is~~
~~used with the query~~ to indicate that the ~~string query~~ is generated for the
purpose of ~~associating an linking it with the~~ address of a ~~unique~~ document.
45. The method of claim ~~1-4~~ including the step of retrieving the unique
document by entering said query with said at least one control character.
~~whereas control characters are used to indicate that a document associated~~
~~with a string should be open.~~
56. The method of claim ~~1-4~~ whereas a software button is used to indicate that
~~the string said query is generated for the purpose of linking said query~~
~~associating an to the~~ address of a unique document.
67. The method of claim ~~1-6~~ whereas a software button is used to indicate that
~~a unique document associated with a string the query should be open.~~
7. ~~An apparatus for search and retrieval of documents comprising a computer,~~
~~a database and a directory, and;~~
~~Said database contains at least one query in the form of at least one term,~~
~~and;~~
~~said database is split to at least two sections, and;~~
~~Each section is associated with an entry of said directory, and;~~
~~by selecting an entry in said directory, the user also specifies the section of~~
~~said database, and;~~
8. ~~The apparatus of claim 7 including the step of updating only the specified~~
~~database with keywords.~~
9. ~~The apparatus of claim 7 including the step of updating only the specified~~
~~database with queries.~~
10. ~~The method described hereinabove.~~
11. ~~The apparatus described hereinabove.~~
8. An apparatus for mapping documents for display on a computer comprising
a computer, a database and a search engine, and:
Means for submitting a query to a search engine, and;
Means for indicating at least one document resulting for said query, and;

- Means for registering the query and the address of said document in a database, and;
- Means for providing, in the database, a registration, pointing from said query to said at least one document.
9. The apparatus of claim 8 including means for browsing a document repository for a document for the indicating step.
10. An apparatus for retrieving a document for display on a computer according to any of claims 8 or 9 including:
- Means for typing at least a one string in a window, and;
- Means for looking-up said database with a suitable search algorithm for at least one query containing at least part of said string, and;
- Means to displaying at least one document linked to said at least one query.
11. The apparatus of claim 8 or 10 including means to provide at least one control character for used with the query to indicate that the query is generated for the purpose of linking it with the address of a unique document.
12. The apparatus of claim 11 including means of retrieving the unique document by entering said query with said at least one control character.
13. The apparatus of claim 11 including a software button to indicate that said query is generated for the purpose of linking to the query to an address of a unique document.
14. The apparatus of claim 13 including a software button is used to indicate that a unique document associated with the query should be open.

Part 3: Clear form of the revised claims:

1. A method for mapping documents for display on a computer comprising the steps of:
- Submitting a query to a search engine, and;
- Indicating at least one document resulting for said query, and;
- Registering the query and the address of said document in a database, and;
- Providing, in the database, a registration, pointing from said query to said

- at least one document.
2. The method of claim 1 whereas the indicating step is made for a document retrieved by browsing a document repository.
 3. A method for retrieving a document for display on a computer according to any of claims 1 or 2 comprising the steps of:
Typing at least a one string in a window, and;
Looking-up said database with a suitable search algorithm for at least one query containing at least part of said string, and;
Displaying at least one document linked to said at least one query.
 4. The method of claim 1 or 3 whereas at least one control character is used with the query to indicate that the query is generated for the purpose of linking it with the address of a unique document.
 5. The method of claim 4 including the step of retrieving the unique document by entering said query with said at least one control character.
 6. The method of claim 4 whereas a software button is used to indicate that said query is generated for the purpose of linking said query to the address of a unique document.
 7. The method of claim 6 whereas a software button is used to indicate that a unique document associated with the query should be open.
 8. An apparatus for mapping documents for display on a computer comprising a computer, a database and a search engine, and:
Means for submitting a query to a search engine, and;
Means for indicating at least one document resulting for said query, and;
Means for registering the query and the address of said document in a database, and;
Means for providing, in the database, a registration, pointing from said query to said at least one document.
 9. The apparatus of claim 8 including means for browsing a document repository for a document for the indicating step.
 10. An apparatus for retrieving a document for display on a computer according to any of claims 8 or 9 including:
Means for typing at least a one string in a window, and;
Means for looking-up said database with a suitable search algorithm for at

least one query containing at least part of said string, and;

Means to displaying at least one document linked to said at least one query.

11. The apparatus of claim 8 or 10 including means to provide at least one control character for used with the query to indicate that the query is generated for the purpose of linking it with the address of a unique document.
12. The apparatus of claim 11 including means of retrieving the unique document by entering said query with said at least one control character.
13. The apparatus of claim 11 including a software button to indicate that said query is generated for the purpose of linking to the query to an address of a unique document.
14. The apparatus of claim 13 including a software button is used to indicate that a unique document associated with the query should be open.